2.   (Amended) [A] The server system according to claim 1, wherein the session request includes a request for a quality of service (QoS service) session.

3.   (Amended) [A] The server system according to claim 2, wherein the session request includes parameters for transmitting information along the communication path in accordance with the QoS service.

4.   (Amended) [A] The server system according to claim 1, wherein [the means for] sending a message includes [means for] presenting the message to the originating router as a Telnet message.

5.   (Amended) [A] The server system according to claim 1, further comprising:
[means for] establishing the communication path if [the monitoring means determines that] sufficient resources are determined to exist at the routers in the communication path [have sufficient resources].

(Amended) A method for establishing a communication [session] path connecting an originating router to a destination router via other routers along the path, comprising [the steps of]:
receiving a session request at a server for establishing a communication path for transmitting information to the destination router, the server having a location that is independent of the path,;
[determining user authorization and access level;]
sending a message to [an] the originating router in the communication path in response to the session request, the message including a request to reserve resources for transmitting the information; and
monitoring the [originating] routers in the communication path to determine whether sufficient resources exist to establish the communication path in accordance with the session request.

7.   (Amended) [A] The method according to claim 6, wherein [the step of] receiving a

session request further includes [the substep of] receiving a request for a quality of service (QoS

service) session.

8.   (Amended) [A] The method according to claim 7, wherein [the step of] receiving a

session request further includes [the substep of] receiving parameters for transmitting

information along the communication path in accordance with the QoS service.

9.   (Amended) [A] The method according to claim 6, wherein [the step of] sending a

message includes [the substep of] presenting the message to the originating router as a Telnet

message.

10.   (Amended) [A] The method according to claim 6, further comprising [the step of]:

        establishing the communication path if sufficient resources are determined to exist at [in

the monitoring step that] the routers in the communication path [have sufficient resources].

11.   (Amended) A network communication system for establishing a transmission path,

comprising:

        an originating router coupled to a host in a first local area network;

        a destination router coupled to another host in a second local area network; and

        a server having a location that is independent of the path, coupled to the originating

router, for receiving a session setup request from the host, said server including:

        [a user interface for receiving a request for establishing a session request;]

        a session setup module for sending a message to the originating router in response

to the session setup request, the message including a request to reserve resources for transmitting

traffic along the transmission path from the originating router via other routers to the destination

router; and

        a node server module for monitoring the routers along the transmission path to

determine whether sufficient resources exist to establish the transmission path in accordance with

the session setup request.

12.   (Amended) [A] The network communication system according to claim 11, wherein the session setup request includes a request for a quality of service (QoS service) session.

13.   (Amended) [A] The network communication system according to claim 12, wherein the session setup request further includes parameters for transmitting information along the communication path in accordance with the QoS service.

14.   (Amended) [A] The network communication system according to claim 11, wherein the session setup module [includes means for presenting] presents the message to the originating router as a Telnet message.

15.   (Amended) [A] The network communication system according to claim 11, wherein the session setup module [includes means for notifying] notifies the host that the transmission path has been established if the routers in the transmission path have sufficient resources to establish the transmission path.

16.   (Amended) [A] The network communication system according to claim 11, wherein the server further includes:

a database server for checking whether the session setup request is authorized.

17.   (Amended) A method for establishing a communication [session] path connecting an originating router to a destination router via other routers along the path, comprising [the steps] of:

receiving a session request at a server for establishing a communication path for transmitting information to the destination router, the server having a location that is independent of the path;

sending a resource reservation request to a router in the communication path to reserve resources in accordance with the session request; and

monitoring the routers in the communication path to determine whether resources exist to establish the communication path.

18. (Amended) A computer program [product comprising a computer usable medium having computable readable code embodied therein for establishing a communication session, the computer usable medium comprising] residing on a computer readable medium comprising instructions for causing a computer to:

[a module configured to] receive a session request at a server for establishing a communication path from an originating router for transmitting information via other routers to a destination router, the server having a location that is independent of the path;

[a module configured to] send a resource reservation request from the server to [a] the originating router [in the communication path] to reserve resources in accordance with the session request; and

[a module configured to] monitor the routers in the communication path at the server to determine whether resources exist to establish the communication path.

Please add new claims 19-25 as follows:

--19. A central sever system comprising a QoS server connected to a series of routers, the server managing QoS matters for a session established along a communication path from an originating router via other routers to a destination router, the central server system having a location that is independent of the path.--

--20. The system of claim 19 wherein the QoS server is adapted to:

receive a session request from the originating router for establishing the communication path for transmitting information to the destination router;

send a message to the originating router in response to the session request, the message including a request to reserve resources for transmitting the information; and

monitor the routers in the communication path to determine whether sufficient resources exist to establish the communication path in accordance with the session request.--

--21. The system of claim 20 wherein the session request includes parameters for transmitting information along the communication path in accordance with the QoS service.--

--22. The system of claim 20 wherein the message sent to the original router is presented to the originating router as a Telnet message.--

--23. The system of claim 20 wherein the QoS server is further adapted to:

establish the communication path if sufficient resources are determined to exist at the routers in the communication path.--

--24. A server system for establishing a communication path connecting an originating router to a destination router via other routers along the path, the server system having a location that is independent of the path, comprising:

a server adapted to

means for receiving a session request for establishing the communication path for transmitting information from the originating router to the destination router;

means for sending a message to the originating router in response to the session request, the message including a request to reserve resources for transmitting the information; and

means for monitoring the routers in the communication path to determine whether sufficient resources exist to establish the communication path in accordance with the session request.--